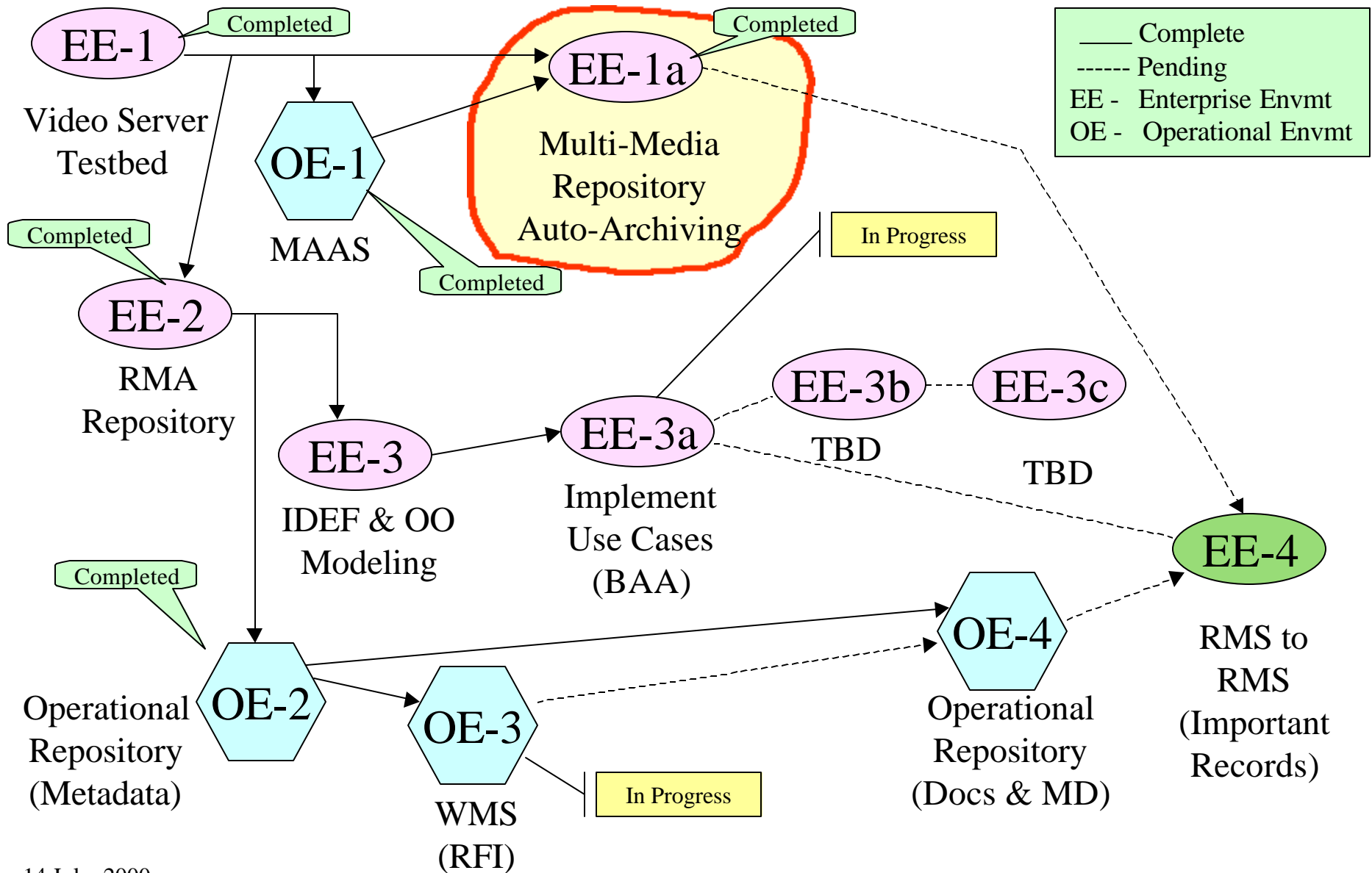


# DITT Prototyping Efforts Enterprise Environment 1a VSTB & MAAS

Updated June 2000

Prepared by  
DITT Core Team  
Center for Army Lessons Learned

# DITT Multi-Media Auto-Archiving, EE-1a

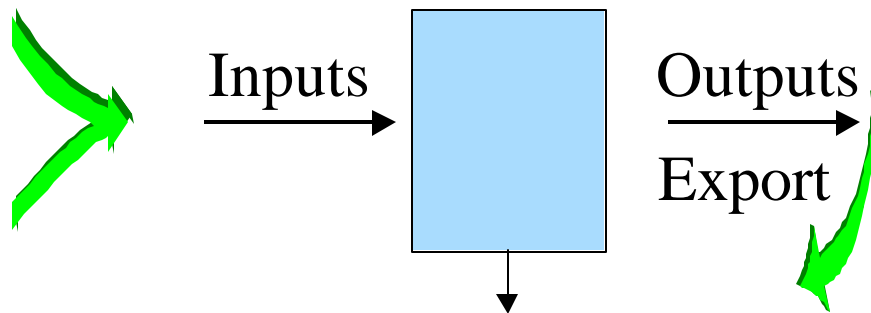


# DITT RIM Projects, Auto-Archive, EE-1a

- Multimedia Repository Automated Archiving, EE-1a Prototype
  - routinely acquire intelligence analysis mission records from operational environment with corresponding metadata for the enterprise environment repository
  - auto-augment records with “core” (standardized) metadata for long-term management, search and retrieval
  - place in an enterprise repository
  - make available, via the Internet, to authorized users

# EE-1a DITT Prototype - Unix MAAS

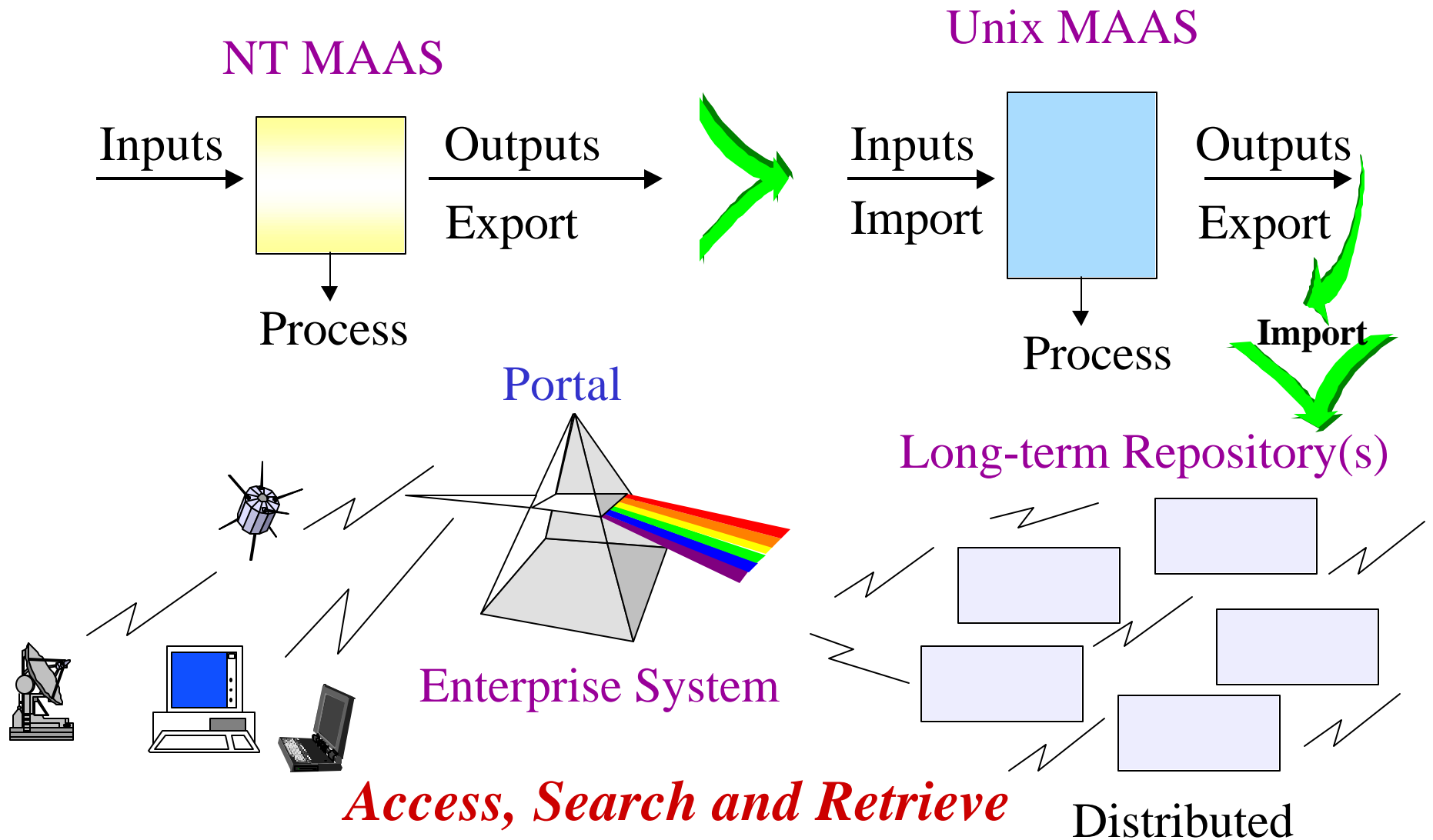
## Unix MAAS



- Robust, Scalable
- Receive entire UAV mission + ESD, real-time, auto capture, store, populate & segments
- Limited availability (Intranet)
- Document Management
- Limited workflow

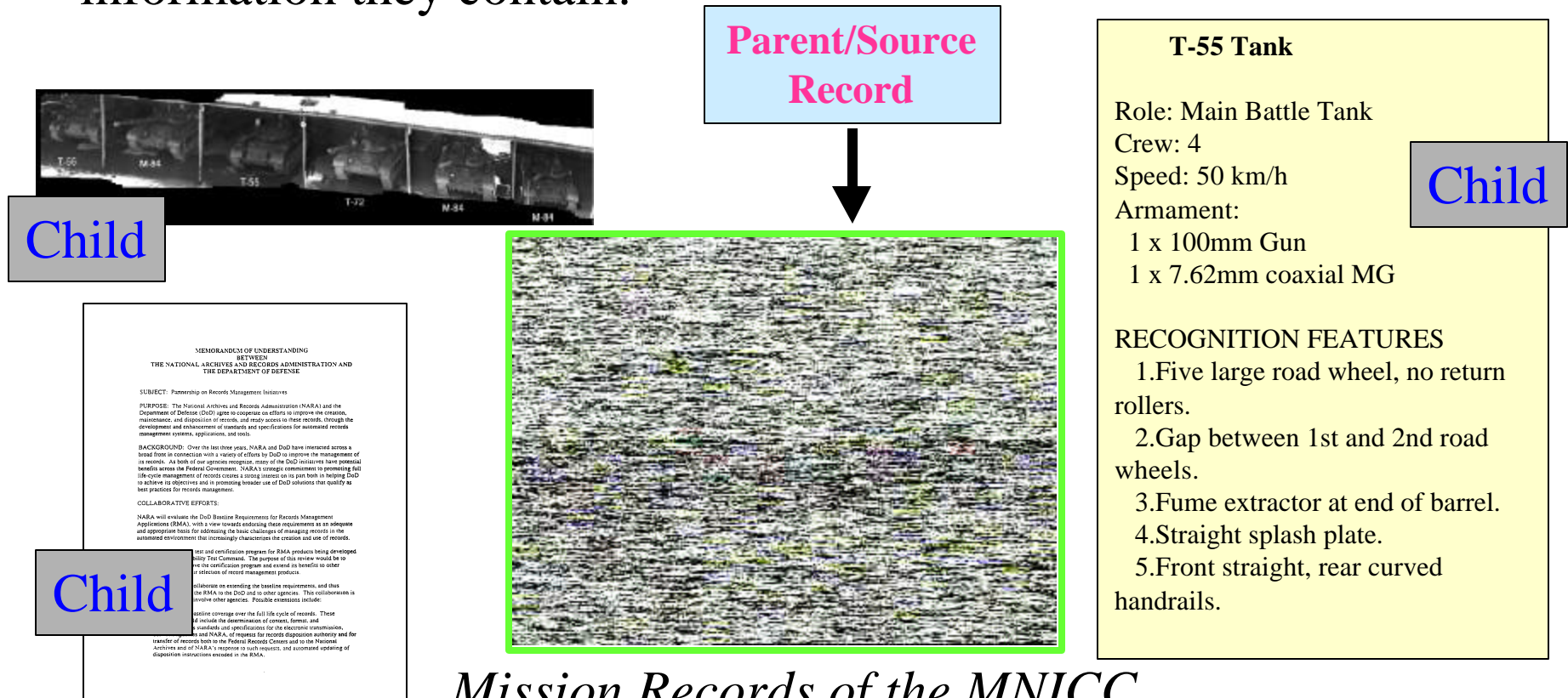
- Inputs from NT MAAS
  - Receive full motion video and metadata stream (CCF) from JBS/GBS, real-time
  - Auto store and process
  - Unix MAAS retains full motion video with associated ESD & MD.
- Output to Enterprise System
  - 7-10 second segments
  - generate thumbnails
  - with corresponding metadata
  - script file to auto load records into Long-term Repository

# EE-1a -- Operational to Enterprise



# EE-1a Expected Capabilities...

Make available, via a web browser, all the “pieces,” searchable, retrievable and managed as records (transparent to the user) within distributed long-term repositories for consumers of the information they contain.



*Mission Records of the MNICC*  
(Multinational Intelligence Coalition Cell)

# EE-1a Analysis Reports - Compound Document

- Analysis Packages are Reports with ancillary files
  - MS Office97
    - Word - .doc
    - Power Point - .ppt
    - Excel - xls
    - html - .htm
  - Annotated images and video frames
  - Video clips
- Analysis reports are related to mission video
- Analysis reports are searchable
  - keyword & context searches
- Reports are saved *locally* in the information management server (a relational database with RAID storage)



# EE-1a, Supports Knowledge-Based Envyrnmt

1. Original Record - NIMA Legal Custodian  
.mpg file with respective metadata

2. Original Record, Janes Defense.  
Text file with respective metadata

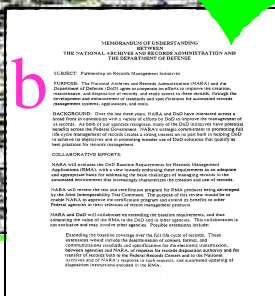
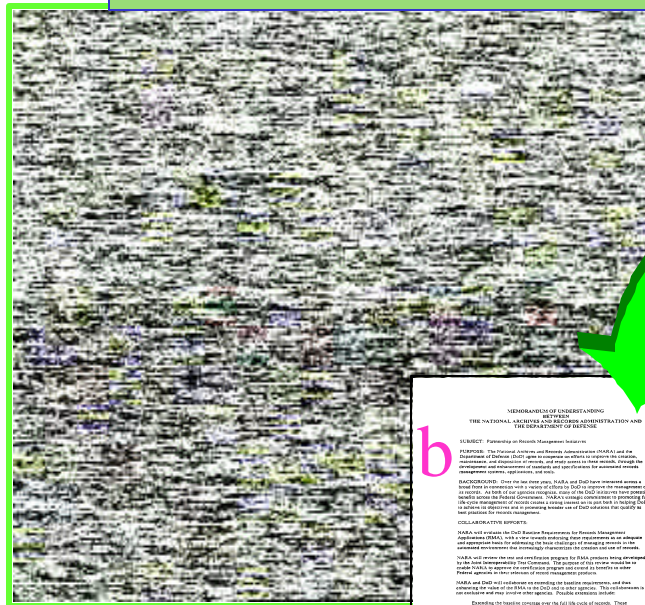
## 4. *Complete Record with Value-added components*

*All Documents Represent a New Record*

- > Knowledge-Based, multimedia, multi-component
- > NIMA official custodian of all?

## 3. Mission Record - MNICC

- a. .jpg file with annotations
- b. text file - an analysis
- c. respective metadata



14 July 2000



# Multi-component Records in the Enterprise Environment

- Ensure all document components, to include metadata, are collected/acquired
- contextulization
  - ensure hyperlinks or “pointers” are intact
- maintain document integrity
- ensure all components are searchable
  - as one compound document
  - as stand-alone documents
- dissemination formats vs. record formats
  - band width
  - file size